

iectura accepimus, sed examinatori calculo reuoluentes, quatenus obseruatis exactius cōsentirēt, inuenimus anomalīe motū in M. DCCC. XIX. annis Ægyptijs, XXI. gradib. & XXIII. scrup. suā reuolutionē cōpletā iam excessisse, & tempus periodi annos M. DCC. XVII. solūmodo Ægyptios cōtinere, qua ratiōe p̄ditū est primū circuli segmētū part. XC. scrup. XXXV. Alterū part. CLV. scrup. XXXIII. Tertiū uero sub annis DCLIII. reliq̄s circuli ptes CXIII. scrup. LI. cōtinebit. His ita cōstitutis, p̄cessiōis q̄q̄ æquinoctiorū mediū motus patuit, & ipsum esse graduū XXIII. scrup. LVII. sub eisdē annis M. DCC. XVII. q̄bus oīs diuersitas in pristinū statū restituta est. Quoniā in annis M. DCCC. XIX. habuimus motū apparentē grad. XXV. scrup. I. ferē. Verū à Timochari in annis CII. q̄bus anni M. DCC. XVII. distant à M. DCCC. XIX. oportebat motū apparētē fuisse circiter grad. I. scrup. III. eo q̄ maiusculū tūc fuisse uerisimile sit, q̄ ut in centenis annis unū exegisset graduū, q̄n decresebat adhuc finē decremētī nondū cōsecutus. Proinde si graduū unū & decimā quintam auferamus ex p̄tibus XXV. scrup. I. remanebit quē diximus in annis M. DCC. XVII. Ægyptijs mediū equalisq̄ motus diuerso ac apparenti, tūc cōequatus grad. XXIII. scrup. LVII. q̄bus integra p̄cessiōis æquinoctiorū ac equalis reuolutio cōsurgit in annis XXV. DCCC. XVI. in q̄ tempe fuit circuitiōes anomalīe XV. cū XXVIII. pte ferē. Huic q̄q̄ ratiōi sese accōmodat obliq̄tatis motus, cuius rediutionē duplo tardiorē q̄ æquinoctiorū p̄cessiōē dicebamus. Namq̄ q̄ Ptolemæus p̄didit obliq̄tatē part. XXIII. scrup. primorū LI. secundorū XX. ante se in annis CCC. ab Aristarcho Samio minime mutatā fuisse, indicat ipsam tūc circa maxīe obliq̄tatis limitē penē constituisse: q̄n uidelicet & p̄cessiō æquinoctiorū erat in motu tardissimo. At nūc q̄q̄ dū eadē tarditatis appetit restitutio, inclinatio axis nō itē in maximā, sed in minimā transit, quā medio tpe Machometus Aratēsis, ut dictū, reperit part. XXIII. scrup. XXV. Arzachel Hispanus post illū annis CXC. part. XXIII. scrup. XXXIII. ac itidem post annos CCXXX. Prophatius Iudeus duobus, p̄xime scrup. minorē. Quod deniq̄ nostra cōcernit tēpora, nos ab annis XXX. frequēti obseruatione, inuenimus XXIII. partes, scrup. XXVIII. & duas quintas ferē unius scrupuli, à q̄bus Georgius Purbachius & Ioannes de Montere-

gio, qui

gio, qui p̄xime nos præcesserunt, parū differūt. Vbi rursus liq̄dissime patet obliq̄tatis permutationē à Ptolemæo ad DCCC. annos accidisse maiorē, q̄ in alio quīs intervallo temporis. Cū ergo iam habeamus anomalīe p̄cessiōis circuitū in annis M. DCC. XVII. habebimus etiā sub eo tēpore obliq̄tatis dimidiū periodū, ac in annis III. CCCXXXIII. integram eius restitutionem. Quapropter si CCC LX. gradus p̄ eundē III. CCCXXXIII. anno rū numerū partiti fuerimus, uel gradus CLXXX. p̄ M. DCC. XVII. exhibit annuus motus simplicis anomalīe scrup. prim. VI. secundorū XVII. tert. XXIII. quart. IX. Hæc rursus p̄ CCC LXV. dies distributa reddūt diariū motū scrupulorū secundorū I. tertiorū II. quatorū II. Similiter p̄cessiōis æquinoctiorū mediū cū fuerit distributus p̄ annos M. DCC. XVII. & erāt grad. XXIII. scrup. prim. LVII. exhibit annuus motus scrup. secund. I. tert. XII. q̄rt. V. atq̄ hūc p̄ dies CCC LXV. diarius motus scrup. tert. VIII. quart. XV. Vt autē motus ipsi fiāt apertiores, & in promptu habeantur, q̄n fuerit oportunū, Tabulas siue Canones eorū expone mus p̄ cōtinuā æqualēq̄ annui motus adiectionē, reiectis semp LX in priora scrup. uel in gradus si excreuerint, easq̄ aggregauimus usq̄ ad ordinē LX annorū cōmoditatis gratia. Quoniā in annorū sexagenis, eadē sese offert facies numerorū, denominati onibus partiū & scrupulorū solūmodo trāsp̄positis, ut q̄ prius secunda erāt, prima fiāt, & sic de cæteris, q̄ cōpendio p̄ has breues Tabellas infra annos III. DC. saltē duplici introitu licebit accipere & colligere in annis p̄positis motus æq̄les. Ita q̄q̄ in dierū numero se habet. Vtemur autē in supputatiōe motuū celestiuū annis ubiq̄ Ægyptijs, q̄ soli inter ciuiles reperiūtur æq̄les, oportebat em̄ mēsurā cōgruere cū mēsurato, q̄d in annis Romanorū, Græcorū, & Persarū non adeo cōuenit, q̄bus nō uno modo, sed p̄t cuiq̄ placuit gentiuū intercalat. Annus autē Ægyptius nihil affert ambiguitatis sub certo dierū numero CCC LXV. in q̄bus sub duodenis mēsisbus æq̄libus, q̄s ex ordine appellāt ipsi suis nominibus: Thoth, Phaophi, Athyr, Chiach, Tybi, Mechyr, Phame noth, Pharmuthi, Pachon, Pauni, Epiphi, Mesori, in q̄bus ex æq̄ cōprehēdunt VI. sexagenæ dierū, & quinque dies residui, q̄s intercalares noīant. Sūtq̄ ob id in motibus æq̄libus dinumerandis anni Ægyptiorū accōmodatissimi, in q̄s aliq̄ quilibet anni resolutionē dierū facile reducuntur.

s ij